

GenCore version 5.1.3  
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OM nucleic - nucleic search, using sw model

Run on: February 3, 2003, 10:45:43 ; Search time 11 Seconds  
(without alignments)  
4.357 Million cell updates/sec

Title: US-09-540-209B-4084  
Perfect score: 1641  
Sequence: 1 tgsaaatgataatagaga.....acgacctctgccttttaa 1641

Scoring table: OLIGO  
Gapop 60.0 , Gapext 60.0

Searched: 14 segs, 14603 residues

Total number of hits satisfying chosen parameters: 28

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : 6110705.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	14	0.9	1356	1	US-08-444-189-7
2	14	0.9	7502	1	US-08-444-189-6
3	10	0.6	744	1	US-08-444-189-17
4	10	0.6	744	1	US-08-444-189-17
5	10	0.6	795	1	US-08-444-189-11
6	10	0.6	795	1	US-08-444-189-11
7	10	0.6	735	1	US-08-444-189-15
8	10	0.6	930	1	US-08-444-189-19
9	10	0.6	930	1	US-08-444-189-19
10	10	0.6	993	1	US-08-444-189-21
11	10	0.6	1065	1	US-08-444-189-9
12	10	0.6	1356	1	US-08-444-189-7
13	10	0.6	7502	1	US-08-444-189-6
14	10	0.6	20	1	US-08-444-189-1
15	9	0.5	309	1	US-08-444-189-13
16	9	0.5	795	1	US-08-444-189-11
17	9	0.5	993	1	US-08-444-189-21
18	9	0.5	19	1	US-08-444-189-3
19	8	0.5	309	1	US-08-444-189-13
20	8	0.5	19	1	US-08-444-189-3
21	7	0.4	19	1	US-08-444-189-2
22	7	0.4	19	1	US-08-444-189-1
23	7	0.4	20	1	US-08-444-189-1
24	7	0.4	28	1	US-08-444-189-4
25	7	0.4	28	1	US-08-444-189-4
26	7	0.4	28	1	US-08-444-189-5
27	6	0.4	19	1	US-08-444-189-3
28	6	0.4	28	1	US-08-444-189-5

## ALIGNMENTS

RESULT 1  
US-08-444-189-7  
; Sequence 7, Application US/08444189  
; Patent No. 6110705  
; GENERAL INFORMATION:  
; APPLICANT: Ratti, Giulio  
; APPLICANT: Comanducci, Maurizio  
; APPLICANT: Tecce, Mario F.  
; APPLICANT: Giuliani, Matzia M.  
; TITLE OF INVENTION: PCTD PLASMID ISOLATED FROM CHLAMYDIA  
; TITLE OF INVENTION: TRACHOMATIS SEROTYPE D, ITS GENES AND PROTEINS ENCODED BY  
; TITLE OF INVENTION: THEM: RECOMBINANT PLASMIDS FOR THE EXPRESSION OF SAID  
; NUMBER OF SEQUENCES: 23  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH  
; STREET: 301 N. Washington Street  
; CITY: Falls Church  
; STATE: Virginia  
; COUNTRY: USA  
; ZIP: 22046-0747  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/444,189  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/180,528  
; FILING DATE:  
; APPLICATION NUMBER: US/07/991,512  
; FILING DATE:  
; APPLICATION NUMBER: US/07/661,820  
; FILING DATE:  
; APPLICATION NUMBER: IT MI 91A000314  
; FILING DATE: 07-FEB-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Svensson, Leonard R.  
; REGISTRATION NUMBER: 30,330  
; REFERENCE/DOCKET NUMBER: 1267-202P  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-241-1300  
; TELEFAX: 703-241-2848  
; TELEX: 248345  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1356 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; ORIGINAL SOURCE:  
; ORGANISM: Chlamydia trachomatis  
; STRAIN: GO/86 serotype D ( Trachoma biovar )  
; IMMEDIATE SOURCE:  
; CLONE: pUC8-p60 plasmid, ATCC 68314  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..1353  
; US-08-444-189-7  
Query Match 0.9%; Score 14; DB 1; Length 1356;  
Best local Similarity 100.0%; Pred. No. 0.12;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1102 TACTGCAGTGTGAT 1115  
DB 1006 TACTGCAGTGTGAT 1019

